

DN 09/851537US01
 USSN 10/600,010
 Art Unit: 1713

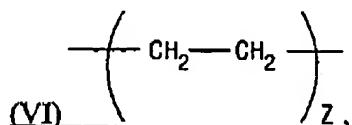
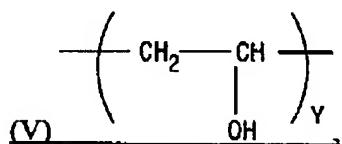
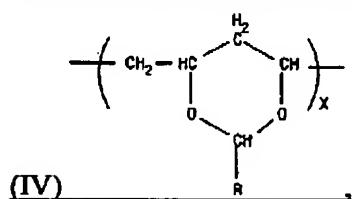
2

LISTING OF THE CLAIMS

Claims 1-27. (Canceled)

Claim 28. (Currently amended) A packaging article, comprising:

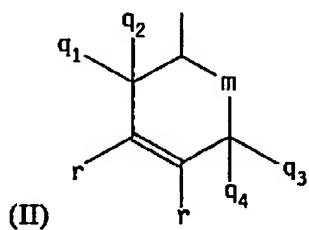
an oxygen barrier layer, which comprises a blend of (i) a modified ethylene vinyl alcohol polymer (EVOH) comprising an oxygen scavenging functional group and (ii) an unmodified EVOH; wherein the modified EVOH comprises structures IV, V, and VI:



wherein X is an integer greater than or equal to 1, Y is an integer greater than or equal to 1, Z is an integer greater than or equal to 1, and R comprises a cycloalkenyl group; and wherein the blend comprises from about 5 wt% to about 20 wt% modified EVOH.

Claims 29-66. (Canceled)

Claim 67. (Currently amended) The packaging article of claim 28[[66]], wherein R has structure II:



DN 09/851537US01
USSN 10/600,010
Art Unit: 1713

3

wherein q_1 , q_2 , q_3 , q_4 , and r are independently selected from hydrogen, methyl, or ethyl; m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one of q_1 , q_2 , q_3 , and q_4 is also hydrogen.

Claim 68. (Previously Presented) The packaging article of claim 67, wherein y is greater than or equal to 1, z is greater than or equal to 1, n is 1, and q_1 , q_2 , q_3 , q_4 , and r are hydrogen.

Claim 69. (Currently amended) The packaging article of claim 28[[66]], comprising two or more oxygen barrier layers which each comprise a blend of (i) a modified ethylene vinyl alcohol polymer (EVOH) comprising an oxygen scavenging functional group and (ii) an unmodified EVOH.

Claim 70. (Currently amended) The packaging article of 28[[66]], further comprising a transition metal catalyst in the oxygen barrier layer or a layer adjacent to the oxygen barrier layer.

Claim 71. (Previously Presented) The packaging article of claim 70, wherein the transition metal catalyst is a cobalt salt.

Claim 72. (Previously Presented) The packaging article of claim 71, wherein the cobalt salt is selected from cobalt oleate, cobalt stearate, or cobalt neodecanoate.

Claim 73. (Currently amended) The packaging article of claim 28[[66]], further comprising a photoinitiator in the oxygen barrier layer.

Claim 74. (Currently amended) The packaging article of claim 28[[66]], further comprising an antioxidant in the oxygen barrier layer.

Claim 75. (Previously Presented) The packaging article of claim 74, wherein the antioxidant is selected from 2,6-di(t-butyl)-4-methylphenol(BHT), 2,2'-methylene-bis(6-t-butyl-p-cresol), triphenylphosphite, tris-(nonylphenyl)phosphite, vitamin E, tetra-bismethylene 3-(3,5-ditertbutyl-4-hydroxyphenyl)-propionate methane, or dilaurylthiodipropionate.

Claim 76. (Currently amended) The packaging article of claim 28[[66]], further comprising a second oxygen barrier layer not comprising a modified EVOH.

DN 09/851537US01
USSN 10/600,010
Art Unit: 1713

4

Claim 77. (Currently Amended) The packaging article of claim 76, wherein the second oxygen barrier layer comprises poly(ethylene vinyl alcohol) (EVA/EVOH), polyacrylonitrile, polyvinyl chloride (PVC), poly(vinylidene dichloride), polyethylene terephthalate (PET), or polyamide.

Claim 78. (Currently amended) The packaging article of claim 28[[66]], further comprising a structural layer.

Claim 79. (Previously Presented) The packaging article of claim 78, wherein the structural layer comprises polyethylene, low density polyethylene, very low density polyethylene, ultra-low density polyethylene, high density polyethylene, polypropylene, polyethylene terephthalate (PET), polyethylene naphthalate (PEN), nylon, polyvinyl chloride, ethylene-vinyl acetate, ethylene-alkyl (meth)acrylates, ethylene-(meth)acrylic acid, or ethylene-(meth)acrylic acid ionomers.

Claim 80. (Previously Presented) The packaging article of claim 79, wherein the structural layer comprises PET.

Claim 81. (Currently amended) The packaging article of claim 28[[66]], further comprising a moisture barrier layer.

Claim 82. (Previously Presented) The packaging article of claim 81, wherein the moisture barrier layer comprises polyethylene, polyethylene terephthalate (PET), or a mixture thereof.

Claim 83. (Currently amended) The packaging article of claim 28[[66]], further comprising an oxygen scavenging layer.

Claim 84. (Previously Presented) The packaging article of claim 83, wherein the oxygen scavenging layer is a liner, coating, sealant, gasket, adhesive insert, non-adhesive insert, or fibrous mat insert in the packaging article.

Claim 85. (Currently amended) The packaging article of claim 28[[66]], wherein the packaging article is in the form of a single layer film, a multilayer film, a single layer rigid article, or a multilayer rigid article.